

Prepn. of medical sponges contg. biologically resorbable materials**Publication number:** DE4407875 (A1)**Publication date:** 1995-09-07**Inventor(s):** PFOTENHAUER CARMEN [DE]; ZEHLE GUENTER [DE]; POWOLLIK JUERGEN [DE]**Applicant(s):** ANKERPHARM GMBH ANKERWERK RUDO [DE]**Classification:****- international:** A61F13/00; A61F13/36; A61L15/44; A61L15/64; A61F13/00; A61F13/36; A61L15/16; (IPC1-7): A61L15/44; A61F13/36; A61L15/64; C08J3/24; C08J9/28; C08L3/02; C08L5/04; C08L5/06; C08L89/00**- European:** A61F13/00M; A61F13/36; A61L15/44; A61L15/64**Application number:** DE19944407875 19940304**Priority number(s):** DE19944407875 19940304**Also published as:**

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A medicinal sponge (A) of biologically resorbable materials (BRM) is obtd. by reaction of the BRM (in aq. soln. at a concn. of 2-15 wt.%) with a crosslinking agent which contains aldehyde gps. (and is in aq. soln. at a concn. of 0.05-0.5 wt.%). The aq. soln. of BRM is mixed with the aq. soln. of the crosslinking agent and passed, using a pump, through a dispersion tube, with simultaneous passage of a gas (at 1-9 bar pressure) through the tube. The resulting foam is drained off into a drying appts.. Also claimed is an appts.; (B) for prepn. of medicinal sponges from BRM, comprising a vessel (1) (with a stirring appts., a connection (2) for distilled water, and a connection (3) for the crosslinker soln.), a connection (5) for vapour, a sterile filter (4), a cooling vessel (6), a pump (7), a dispersion tube (8) (which contains filler (9)), a discharge support (10) (equipped with a thermoelement) and an appts. (15) for drying the sponge. A gas introduction appts., comprising a closed gas container (12), a regulator (13) and a sterile filter (14), is attached laterally between pump (7) and dispersion tube (8).

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